

Amendments to the Specification:

Please replace the paragraph beginning on page 5, line 10, with the following amended paragraph:

An example of a procedure by which the computer system 100 (Figure 1) can compile the source code ~~as is~~ shown in Figure 3. The source code, which is either stored in main memory 118 or imported from an external storage device 124, is initially read by the compiler at step 300. As discussed, the source code is written in a humanly readable computer language, such as C. Upon receiving the source code, the compiler generates an intermediate code utilizing an analyzer at step 302. Analyzers utilized in compilers are well known in the art and include lexical analyzers, syntax analyzers, and semantic analyzers. The compiler may be configured to utilize any of these analyzers or others in performing its operations. After the source code has been analyzed and an intermediate code generated, the compiler partitions the intermediate code it into basic blocks at step Block 304.